Advanced

GRAVIS

Exclusive Product Features

- Full size, foam-padded pistol grip handle with built-in fire button.
- Adjustable handle tension with 6 settings – from self-centering (firm) to free-floating.
- Rotary selectors allow you to independently select the function of each of the 3 microswitch fire buttons. Each ultra-fast fire button has positive feel and 'click'.
- True full 360° patented flat gimbal system gives the joystick a stable and responsive feel.
- Constructed of the highest quality materials and electronics available for unequalled durability and precision.
- Extra-long 6 foot cable.
- Comprehensive instruction manual and warranty inside.

MADE IN CANADA

Caractéristiques du produit

- Manette renforcée métal et rembourrée, de la grandeur de l'appareil avec bouton d'allumage incorporé.
- Réglage 6 positions de la tension de la manette – de l'autocentrage (ferme) à mobile.
- Sélecteurs rotatifs permettent de choisir séparément la fonction de chacun des microrupteurs d'allumage. Chaque bouton d'allumage à un toucher positif et un "clic" de commutation.
- Véritable suspension à la cardan brevetée qui donne une perception constante et sensible.
- Les matériaux et les composants électroniques de la meilleure qualité confèrent au produit une durabilité et une précision inégalées.
- Câble électrique extra long de 6 pieds (2 m).
- Mode d'emploi détaillé et garantie à l'intérieur.

FABRIQUÉ AU CANADA

Gravis Registration Card

Thank you for purchasing a Gravis. To receive free technical support and special offers, please fill out and mail this card within 30 days of your purchase. Retain your sales receipt as proof of purchase date for warranty and updates.

Please Print

Advanced GRAVIS

Name | Company

Street Address (Shipping Address and special offers can't be sent to a P.O. Box)

City | Province/State | Country

Zip/Postal Code | Phone (include area code)

Gravis Product: ☐ Analog Joystick ☐ PC GamePad ☐ PC MouseStick

Computer System Information

Computer Used
IBM & Compatible
☐ XT ☐ 286 ☐ 386 ☐ 486
☐ Tandy

Associated Products (List brand!)
☐ Other Joystick _____
☐ Game Card _____
☐ Sound Card _____
☐ VGA Card _____

Disk Drive
☐ 5.25" Floppy ☐ 3.5" Floppy
☐ Hard disk (size) _____

Intended Use
☐ Personal or Recreational Use
☐ Business Use
☐ Educational Use
☐ Government or Military Use

Demographic Information (optional)

Sex
☐ Male ☐ Female

Age
☐ Under 18 ☐ 18-25
☐ 26-40 ☐ 40-60
☐ 61

Income Range
☐ Under $15k ☐ $15k-25k
☐ $26k-35k ☐ $36k-50k
☐ $51k-75k ☐ $75k+ over

Where did you hear about Gravis?
☐ Friend ☐ Store
☐ Magazine ☐ Other

Comments.

Dealer's Store Name (where you just read your Gravis poster)

City | Province/State

Type of Store
☐ Computer Dealer ☐ Discount Store
☐ Mail Order ☐ Software Store
☐ Department Store ☐ Other

Date Of Purchase

Price

Choices Promotion Information
Please indicate your Choices selection and disk requirement

Choices Selection ___ ___ ___

$15.00 discount selection ___ ___ ___

☐ 5k format: ☐ 5.25" disks ☐ 3.5" disks ☐ either

Payment by
☐ money order ☐ Visa/MC ☐ check

Shipping & handling — $10.00
add $ 5.00 if selected

European addl shipping $ 10.00

TOTAL

(Canada or U.S. funds)

Visa/MC #

Expiry Date ___/___ Order Date

(If Not Applied By April 31, 1996)

Signature

Canadian & International Customers, return to:
Advanced Gravis Computer Technology Ltd.
7400 Bernaby Ave.
Burnaby, B.C. V5J 5E9
Canada

European orders must add $5.00 European shipping & handling surcharge.

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GRAVIS ANALOG JOYSTICK

User's Guide for

IBM & Compatibles
Tandy Computers
Apple II Series

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INTRODUCTION

Congratulations on purchasing a Gravis Analog Joystick. Gravis Analog Joysticks are available in 3 models: Apple® II Series, Tandy® Series or IBM® and compatible Series. Each model is distinct and manufactured to the specifications for each of these computer series. They are not interchangeable! This User's Guide provides Installation Instructions, Trouble Shooting Guide, test procedures and warranty information applicable to all 3 models.

The Gravis Analog Joystick is the finest analog joystick available and should provide you with years of reliable performance. This documentation will assist you in installing, caring for and getting the most out of your Gravis Joystick.

Please complete and mail in your "Product Registration Card" as soon as possible. Registered users are entitled to product support and other services provided by Advanced Gravis.

Compatibility:

IBM model: IBM and compatibles *PC Jr (*requires adaptor)
Tandy model: 1000 series, CoCo3
Apple II model: Apple IIc, IIe, IIc Plus (*requires adaptor)
[adaptor cables are available from Advanced Gravis]

FindCard™

Installed with your Gravis Analog Joystick is a game card conflict detection program called FindCard. If you are installing a new game card, FindCard will help identify any other device attempting to use your computer's game card address. This is the number one problem associated with joystick and game card "malfunctions". You should run FindCard prior to installing a new game card in your computer.

RUNNING FINDCARD

- If your computer is running, turn it "off" for one minute, then restart. FindCard only works after a "cold boot".
- Insert the disk containing FindCard into disk drive. (Drive A is used as the example.)
- Run FindCard by typing:
  At the A:\> prompt [enter]
  If you Gravis game disk is inserted into a disk drive other than A: substitute the correct disk drive letter.
- Press any key to allow FindCard to check for conflicting devices or game card circuits.

If no conflicting devices is found, FindCard will display the message "No game card found (2)". Any other message indicates you have a conflict. Disable all peripherals such as tape back-ups, scanners etc. and disable your Multi I/O card (check its documentation to find out how.) Then run FindCard again to see if the problem is solved.

Commander Keen™ Bonus!

Included on your Gravis Utilities disk is a FREE copy of the epic adventure "Commander Keen: *Invasion of the Vorticons*, *Episode One*, Marooned on Mars"

If you enjoy Episode One of Commander Keen, you can order Episodes Two and Three directly from its publisher, Apogee Software Productions. If you mention that you are an Advanced Gravis customer they'll give you a 30% discount off the regular price of the other two episodes. Information on how to order E, Isodes Two and Three is available from the "Ordering Info" menu item in Keen's main title screen.

Installing Commander Keen

Commander Keen can be played from a floppy disk or installed on your hard disk drive. If you plan to run Commander Keen from a floppy disk, be sure to make a copy of your Gravis Utilities disk.

The following steps will show you how to install Commander Keen onto a hard disk. These instructions assume that your hard disk is drive "C:" and your floppy disks are drives A: and B:. If you are using drives other than these, you may substitute the drive letters.

- Type MD C:\Keen1 [enter]
- Type CD\Keen1 [enter]
- Insert the Gravis Utilities disk into drive A:
- Type COPY A:\Keen1*.* [enter]
- To start Commander Keen, type Keen1 [enter]

When the main title screen is displayed, press "F4" to calibrate the program to your joystick.

For more information, write to:
Apogee Software, PO Box 476389, Garland, TX, 75047-6389
Or Call 1-800-852-5559

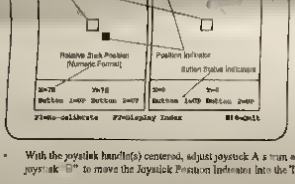
GRAVTEST™

GravTest is a joystick testing and calibration program. Although your Gravis Analog Joystick is factory calibrated GravTest is provided to enable you to check its operation, re calibrate it if required and test the function of its buttons. This program supersedes the BASIC calibration program described in your joystick instructions.

RUNNING GRAVTEST

- Start your computer with a joystick plugged into your game card's port "A". If you have 2 joysticks connect the other to port "B".
- Insert the disk containing GravTest into any disk drive. (Drive A: is used as the example).
- Start the GravTest program by typing
  A: GRAVTEST [RETURN]
  If your GravTest disk is inserted into a disk drive other than A: substitute the correct disk drive letter.

GravTest will lead you through the Joystick Test procedure, requesting you to perform various movements and button clicks with your joystick. If you do not have a second joystick attached, click any button on Joystick "A" when the Joystick "B" screen asks you to move Joystick "B" fully left.



Note
You may press the space bar on your keyboard as an alternative to a joystick button.

The mouse may not calibrate properly due to its sensitivity and screen resolution and is normal.

The "F2=Display Index" is for adjusting the speed compensation of a Gravis Eliminator Game Card.

- With the joystick handle(s) centered, adjust joystick A's trim adjusters first, followed by joystick "B" to move the Joystick Position Indicator into the Target Box.
- Press <F1> and repeat the test until the Joystick Position Indicator is positioned in the Target Box without additional adjustment of the Trim Adjusters.

Gravis Analog Joysticks contain 3 buttons each with adjustable functions. The Button Status Indicators of GravTest can be used to confirm the assigned button functions and to test buttons for correct operation.

The relative position of the joystick is shown in a numeric format in the lower section of the screen. A small number of programs require that a joystick be calibrated in a specific way. If you have such a program, you can calibrate the joystick for that program then run GravTest and record the settings.

- Press <F10> to exit GravTest.

Printed in Canada

Shareware FREE Software CHOICES

C[illegible]ngratulations on the new Gravis. You can install the [illegible] of the fun software packages described in this booklet absolutely free*. We at Gravis are proud to offer you the latest games from today's leading software publishers. Best of all, you get to choose your own bonus. No more buying unwanted programs, or duplicates of games you already have. All you have to do is fill out the enclosed registration card and mail it back to Gravis, and we will send you the game title of your choice. Simply write the three digit order number for the program you want in the box marked "Choice" on your card, mail it, and we do the rest.

Of course, if you can't make up your mind, you can purchase a second title for only $15 more. But remember, if you don't mail in your card, you can't play!

Choices selections may be subject to a $10 shipping and handling fee. This shipping and handling charge will be collected on your registration card.

Includes FREE Software CHOICES

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GRAVIS

ANALOG JOYSTICK

For IBM® and Compatible Computers

Gravis Utilities™
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GRAVIS
Microswitch
Fire Buttons (3)
Full Size,
Padded Handle
Recessed Trim
Centering Controls
Fire Button
Control Selectors